

FORM PTO-1449 (Modified)
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

031676.0212

09/839,536

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Kirk Emil APT et al.

FILING DATE

April 23, 2001

GROUP

1645

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|-----------------|---|---|---|---|---|---|----------|----------------|-------|----------|-------------------------------|
| /ML/ | 1. | 5 | 1 | 3 | 0 | 2 | 4 | 2 | 07/14/92 | Barclay | | | |
| | 2. | 5 | 1 | 0 | 0 | 7 | 9 | 2 | 03/31/92 | Sanford et al. | | | |
| | 3. | 5 | 2 | 4 | 4 | 9 | 2 | 1 | 09/14/93 | Kyle et al. | | | |
| | 4. | 5 | 3 | 7 | 4 | 6 | 5 | 7 | 12/20/94 | Kyle | | | |
| | 5. | 5 | 3 | 9 | 7 | 5 | 9 | 1 | 03/13/95 | Kyle et al. | | | |
| | 6. | 5 | 4 | 0 | 7 | 9 | 5 | 7 | 04/18/95 | Kyle et al. | | | |
| | 7. | 5 | 4 | 9 | 2 | 9 | 3 | 8 | 02/20/96 | Kyle et al. | | | |
| | 8. | 5 | 5 | 5 | 0 | 1 | 5 | 6 | 08/27/96 | Kyle | | | |
| | 9. | 5 | 5 | 6 | 7 | 7 | 3 | 2 | 10/22/96 | Kyle et al. | | | |
| | 10. | 5 | 6 | 5 | 8 | 7 | 6 | 7 | 08/19/97 | Kyle | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------|-----|-----------------|---|---|---|---|---|---|----------|-------------------------|-------|----------|-------------|----|
| /ML/ | 11. | 97 | 3 | 9 | 1 | 0 | 6 | | 10/23/97 | WIPO | | | YES | NO |
| /ML/ | 12. | 0 | 1 | 0 | 8 | 5 | 8 | 0 | 05/16/84 | Europe | | | | |
| /ML/ | 13. | 3 | 0 | 7 | 6 | 5 | 8 | 3 | 04/02/91 | Japan (w/Engl Abstract) | | | | X |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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| /ML/ | 14. | Apt, K.E., et al., "Commercial Developments in Microalgal Biotechnology," <i>J. Phycol.</i> , 35:215-226 (1999). | | | | | | | | | | | | |
| | 15. | Chen, Feng, "High Cell Density Culture of Microalgae in Heterotrophic Growth," <i>TibTech</i> , 14:421-426 (1996). | | | | | | | | | | | | |
| | 16. | Dunahay, Terri G., "Genetic Transformation of the Diatoms <i>Cyclotella Cryptica</i> and <i>Navicula Saprophylla</i> ," <i>J. Phycol.</i> , 31:1004-1012 (1995). | | | | | | | | | | | | |
| | 17. | Fischer, Harald, et al., "Targeting and Covalent Modification of Cell Wall and Membrane Proteins Heterologously Expressed in the Diatom <i>Cylindrotheca Fusiformis</i> (Bacillariophyceae)," <i>J. Phycol.</i> , 35:113-120 (1999). | | | | | | | | | | | | |
| | 18. | Stevens, David R., "Genetic Engineering of Eukaryotic Algae: Progress and Prospects," <i>J. Phycol.</i> , 33:713-722 (1997). | | | | | | | | | | | | |
| | 19. | Caspari, Thomas, et al., "Hexose/H+ Symporters in Lower and Higher Plants," <i>J. Exp. Biol.</i> , 196:483-491 (1994). | | | | | | | | | | | | |

EXAMINER /Maria Leavitt/

DATE CONSIDERED

01/26/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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| FORM PTO-1449 (Modified) (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 031676.0212 | APPLICATION NO. 09/839,0212 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT Kirk Emil APT et al. | |
| | | FILING DATE April 23, 2001 | GROUP 1645 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|-----------------|---|---|---|---|---|---|----------|----------------|-------|----------|-------------------------------|
| /ML/ | 20. | 5 | 6 | 1 | 0 | 1 | 7 | | 08/26/97 | Dunahay et al. | | | |
| /ML/ | 21. | 5 | 7 | 1 | 1 | 9 | 8 | 3 | 01/27/98 | Kyle et al. | | | |
| /ML/ | 22. | 6 | 0 | 2 | 7 | 9 | 0 | 0 | 02/22/00 | Allnutt et al. | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| /ML/ | 23. | Amla, D.V., et al., "Metabolic Changes Associated with Cyanophage N-1 Infection of the Cyanobacterium <i>Nostoc Muscorum</i> ," <i>Arch. Microbiol.</i> , 148:321-327 (1987). |
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| | 25. | Chang, Yee-yung, et al., "Structure-Function Relationships of Cyanobacterial ADP-Glucose Pyrophosphorylase," <i>The Journal of Biological Chemistry</i> , 269(39):24107-24118 (1994). |
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| | 27. | Hallmann, Armin, et al., "The <i>Chlorella</i> Hexose/H ⁺ Symporter is a Useful Selectable Marker and Biochemical Reagent When Expressed in <i>Volvox</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 93:669-673 (1996). |
| | 28. | Caceres, Odecio, "Some Features on the Growth of Microcystis Aeruginosa Kuetz, Emend, Elenkin in ASM- Medium," <i>Rev. Microbiol.</i> , Sao Paulo, 19(3):223-228 (1988). |
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| | 30. | Walmsley, A.R., et al., "Sugar Transporters from bacteria, Parasites and Mammals: Structure-Activity Relationships," <i>Trends Biochem. Sci.</i> , 23(12):476-481 (1998). Abstract Only. |
| | 31. | Barrett, M.P., et al., "Trypanosome Glucose Transporters," <i>Mol. Biochem. Parasitol.</i> , 91(1):195-205 (1998). Abstract Only. |
| | 32. | Mueckler, M., et al., "Sequence and Structure of a Human Glucose Transporter," <i>Science</i> , 6:941-945 (1985). |

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| EXAMINER | /Maria Leavitt/ | DATE CONSIDERED | 01/26/2009 |
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